



FEMA



Prepared by
Jennifer McNatt

FEMA Region 6 Weather Threat Briefing

Wednesday, September 5, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- Tropical Storm Gordon will be moving through MS and into NE LA/SE AR late tonight. Gusty winds are possible in/around the diminishing storm.
- Heavy rain/flash flooding is likely over NE LA and SE AR late in the day.
- Some heavy rain/isolated flooding will be possible from Central OK through W-Central TX.

Thursday - Friday

- Heavy rain/flash flooding possible in AR, N LA and the ArkLaTex Region on Thursday as the remnants of Gordon remain over the area. By Friday, E OK may also see heavy rainfall.
- Some isolated heavy rain and flash flooding will be possible in SW and W-Central TX each day.

Saturday - Sunday

- Heavy rain/flash flooding will continue to be possible from AR through the ArkLaTex into N-Central TX and SW TX through the weekend. Isolated rivers may see minor rises, widespread river flooding is not expected.

Tropical Outlook

- Tropical Storm Gordon is inland over Mississippi with maximum sustained winds of 40mph and is expected to weaken throughout the day as it heads NW and slows down.
- Hurricane Florence has maximum sustained winds of 105mph and is moving to the NW at 13mph. A turn back to the WNW is expected later today, and this general motion is expected to continue with Florence's forward speed decreasing by the weekend.
 - The forecast of Florence in the extended (later next week) is highly uncertain at this time. This system bears monitoring for CONUS interests.
- A broad area of low pressure a couple of hundred miles S-SW of the Cabo Verde Islands is expected to become a tropical depression by the end of the week.
 - Formation chances in next 48 hours...medium...50%
 - Formation chances in 5 days...high...90%
- A tropical wave is forecast to move off the west coast of Africa in a few days. Some development is possible this weekend.
 - Formation chances in next 48 hours...low...near 0%
 - Formation chances in 5 days...low...30%

FEMA Region 6 Threat Matrix

Sept 5, 2018 – Sept 9, 2018



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DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms					
Heavy Rain / Flash Flooding	NE LA, SE AR	AR, N LA, ArkLaTex	E OK, W AR, ArkLaTex	AR, ArkLaTex, N-Cntrl TX through SW TX	AR, ArkLaTex, N-Cntrl TX through SW TX
	Cntrl OK, W-Cntrl TX	SW & W-Cntrl TX	SW & W-Cntrl TX		
Fire Weather					
Tropical Weather	NE LA/SE AR				
River Flooding	Isolated in TX & LA	Isolated in TX and AR	Isolated in TX and AR		

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

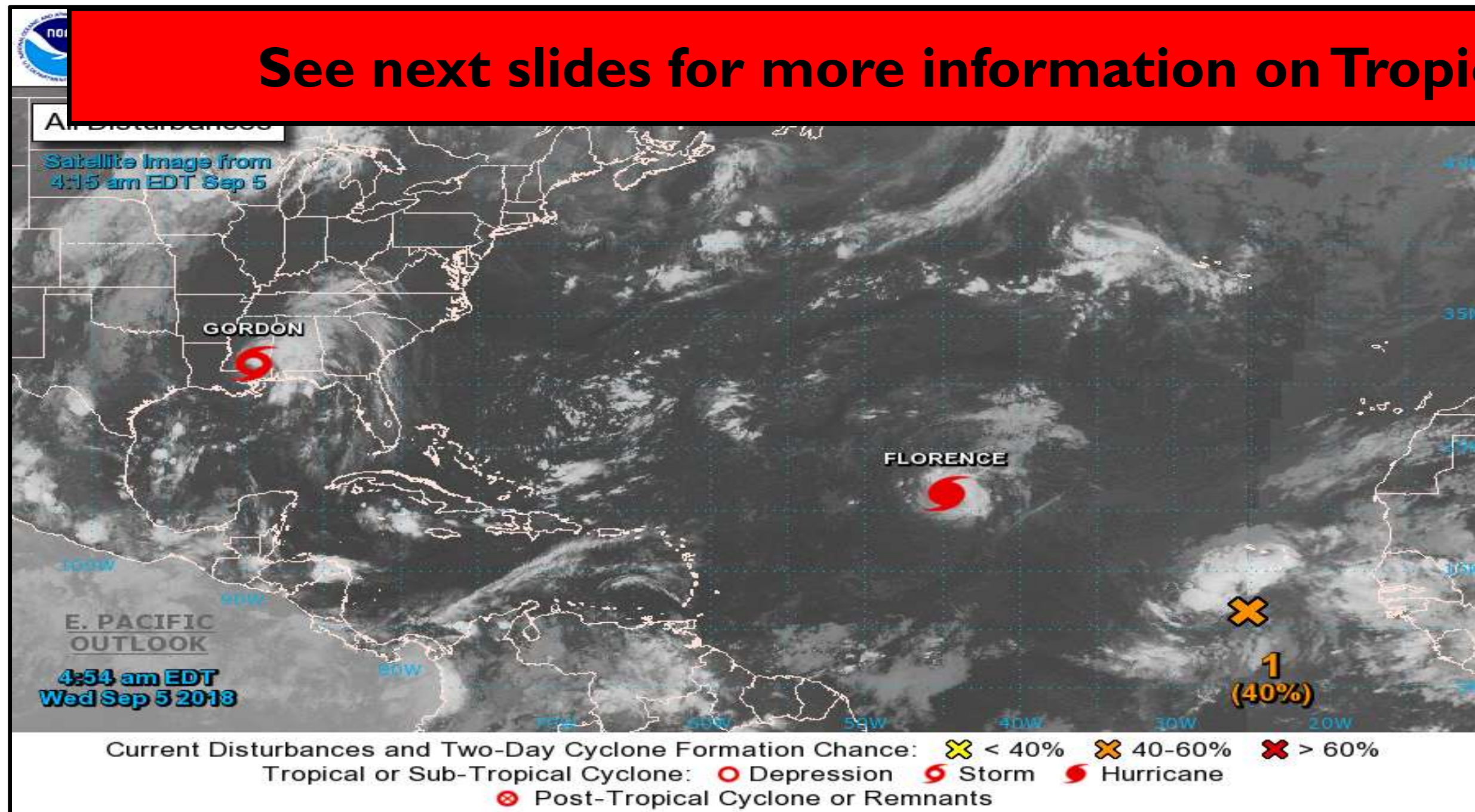
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf



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See next slides for more information on Tropical Storm Gordon and Tropical Storm Florence.

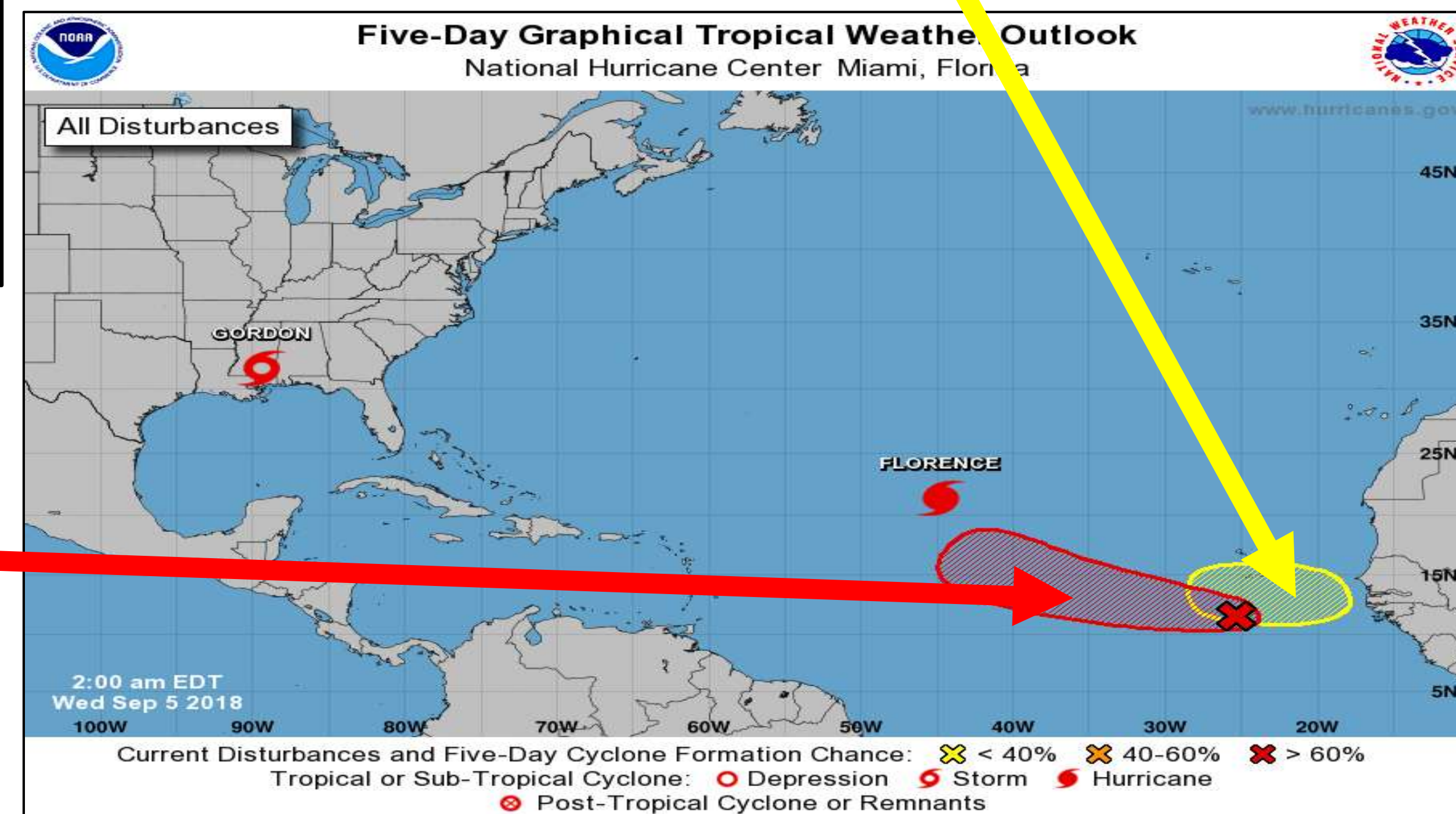


A tropical wave is forecast to move off the west coast of Africa in a few days. Some development of this system is possible over the weekend while the wave moves westward.
Formation chance through 48 hours...low...near 0%
Formation chance through 5 days...low...20%

Environmental conditions are forecast to become conducive for this low pressure area to develop into a tropical depression by the end of the week (somewhere within the red hatched area).

Formation chance through 48 hours...medium...40%

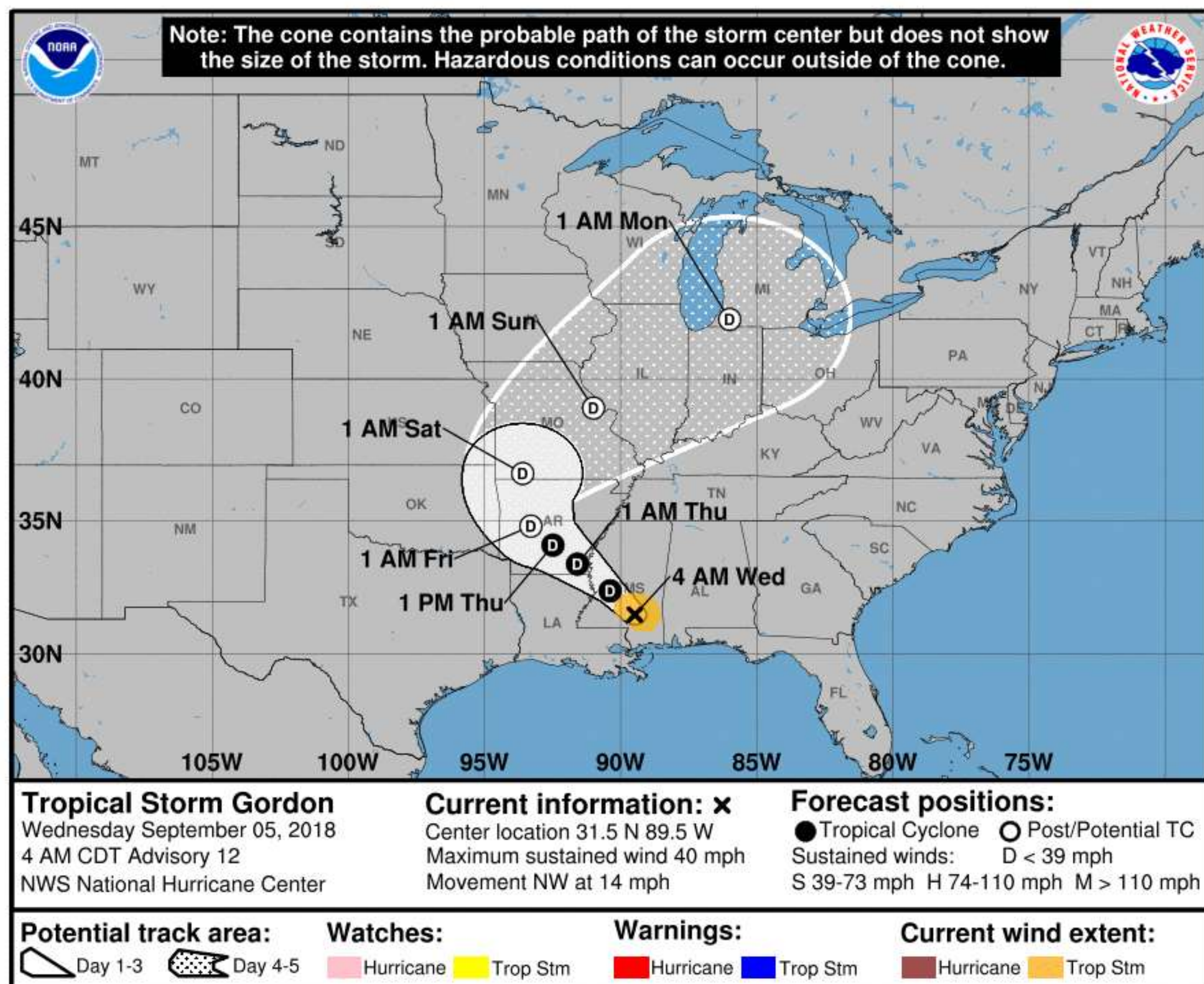
Formation chance through 5 days...high...90%



Tropical Storm Gordon

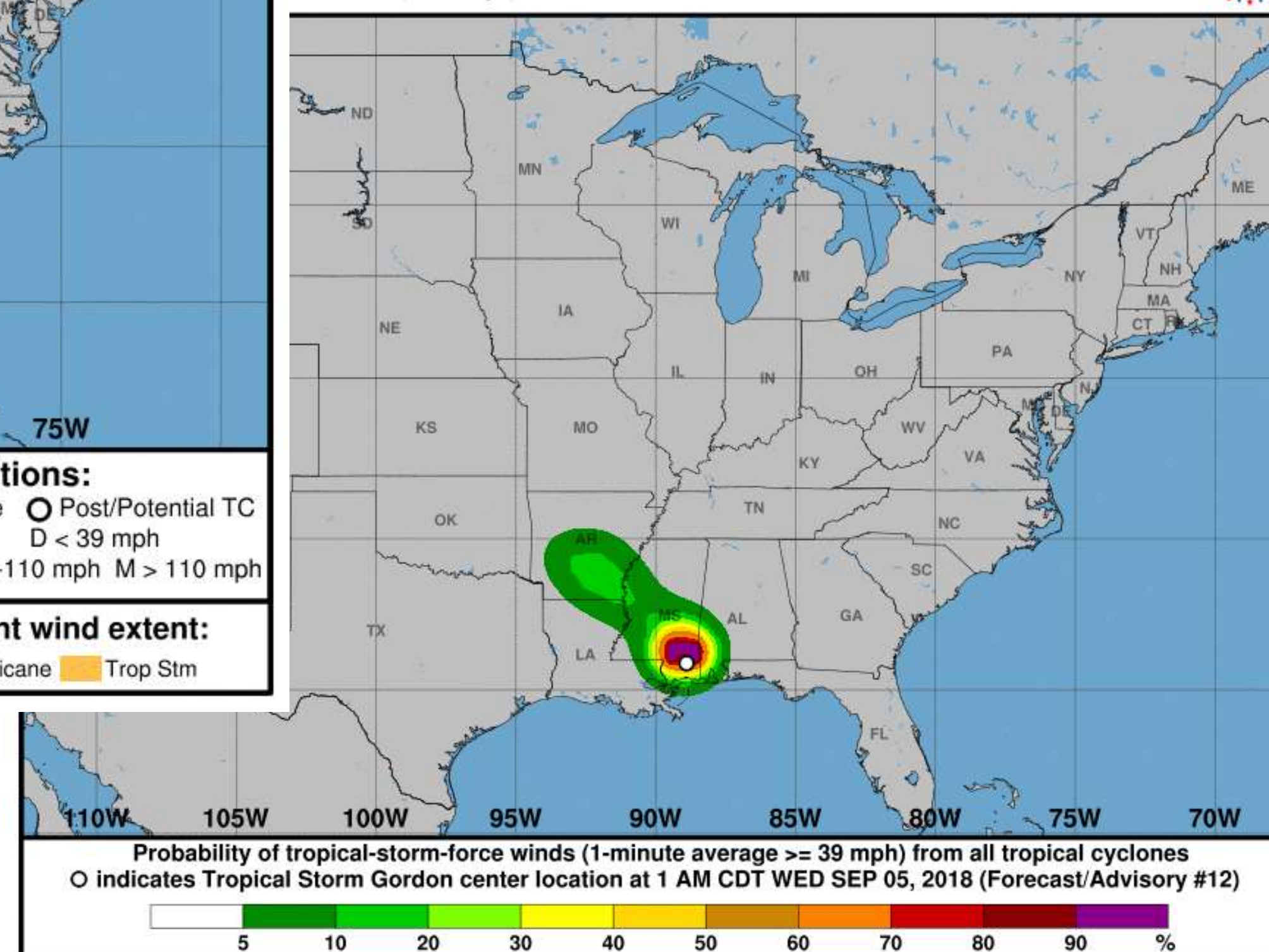


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Gordon is inland over Mississippi with maximum sustained winds of 40mph and is expected to weaken throughout the day as it heads NW and slows down.

Tropical-Storm-Force Wind Speed Probabilities
120 hours (5.00 days) from 1 AM CDT WED SEP 05 to 1 AM CDT MON SEP 10

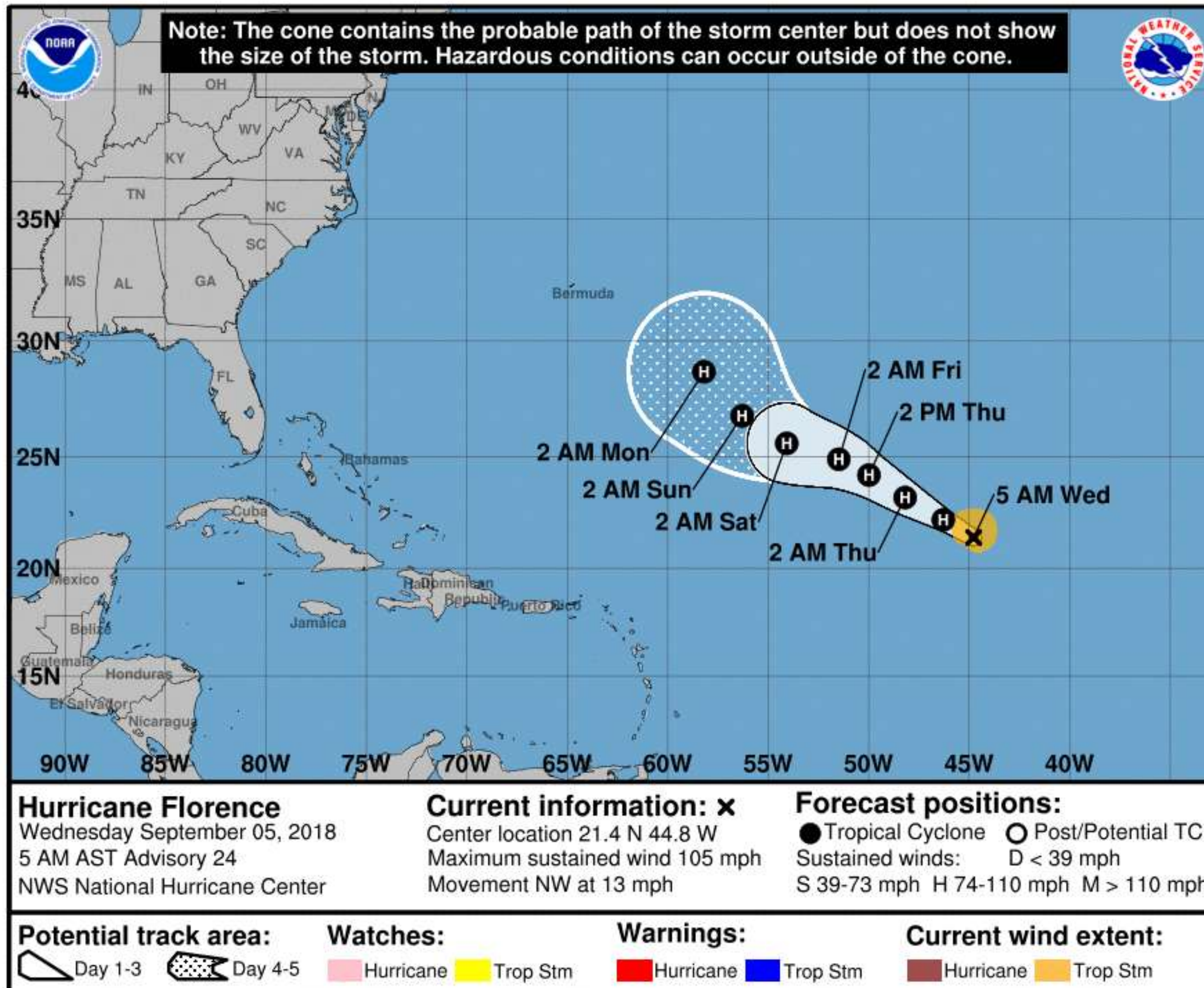


The threat of heavy rain and flash flooding will continue today across Mississippi. (see later slides for details).

Hurricane Florence



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Florence has maximum sustained winds of 105mph and is moving to the NW at 13mph. A turn back to the WNW is expected later today, and this general motion is expected to continue with Florence's forward speed decreasing by the weekend.

A gradual weakening trend is forecast to begin tonight and continue through Friday. After that time, Florence is forecast to restrengthen through the weekend.

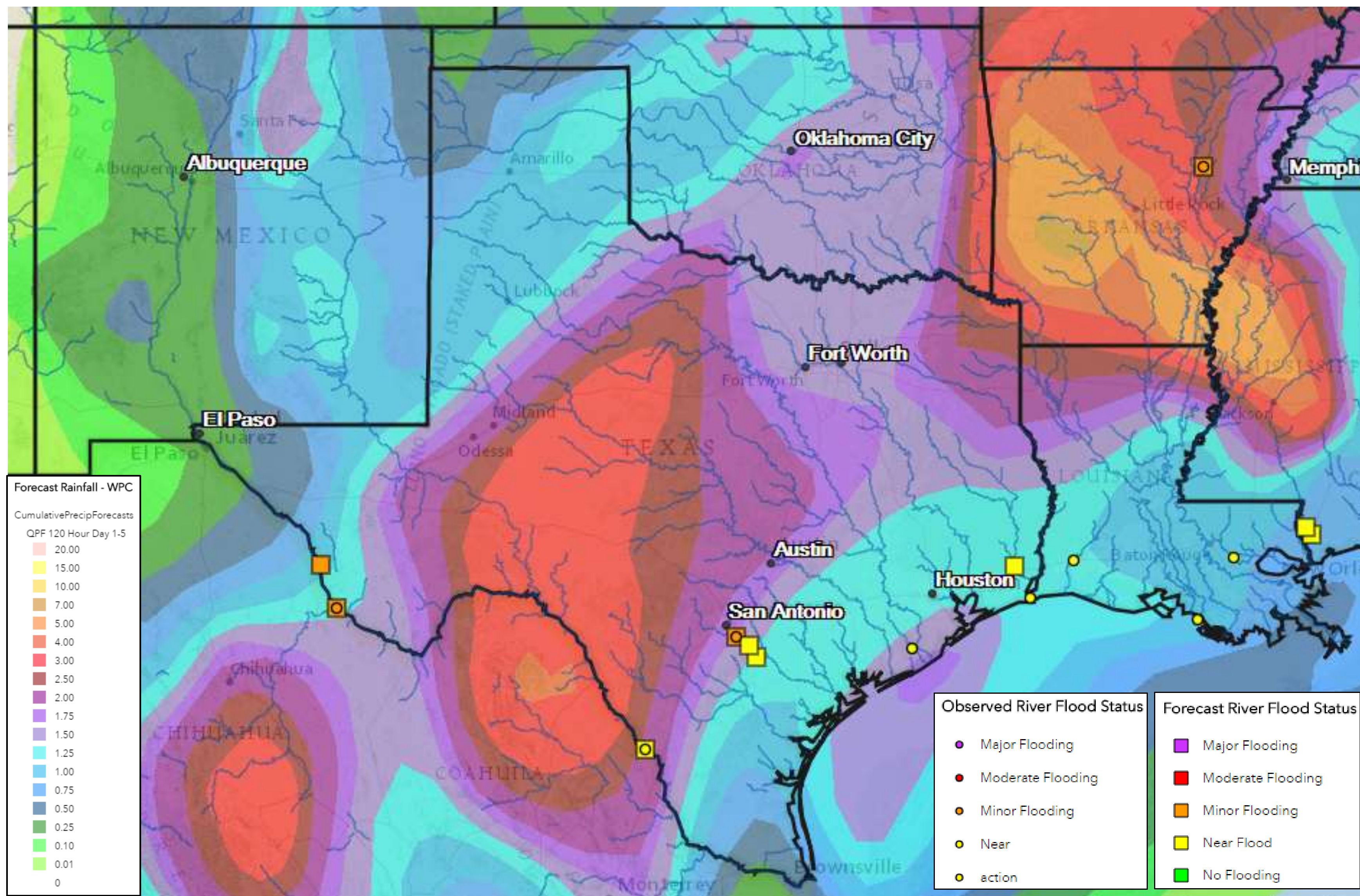
The forecast of Florence in the extended (later next week) is highly uncertain at this time. This system bears monitoring for FEMA IV interests.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



The San Antonio River at Elmendorf is cresting at Minor flood stage this morning and will gradually fall today.

Portions of W-TX into Central OK will continue to see heavy rain potential over the next several days. Some isolated minor to moderate river flooding will be possible, but widespread river flooding is not expected.

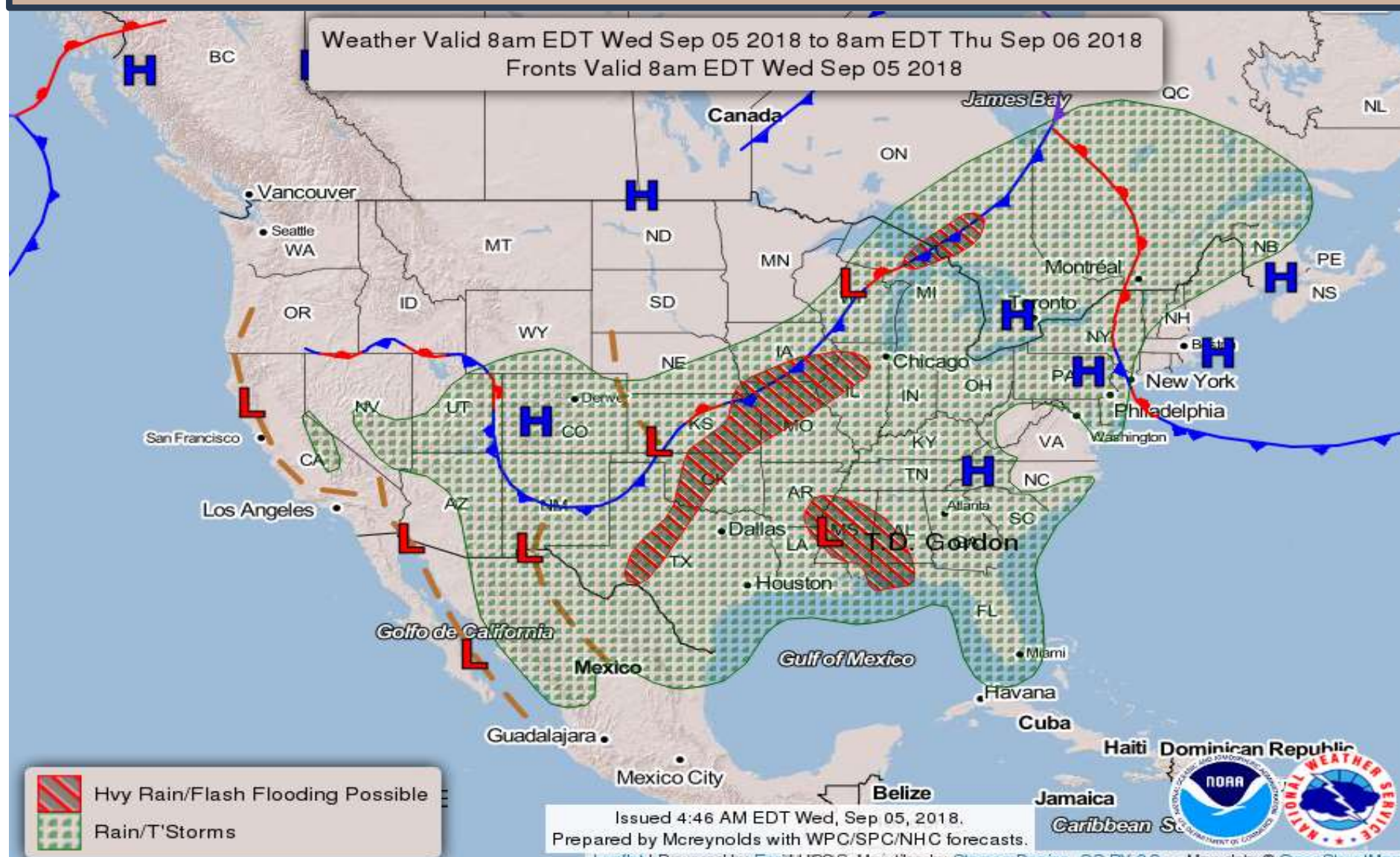
Heavy rains from the remnants of Gordon will spread into extreme NE LA and AR over the next couple of days. There is high confidence in at least minor flooding on some rivers, although it is difficult to pinpoint exact basins at this point.

Today's Weather

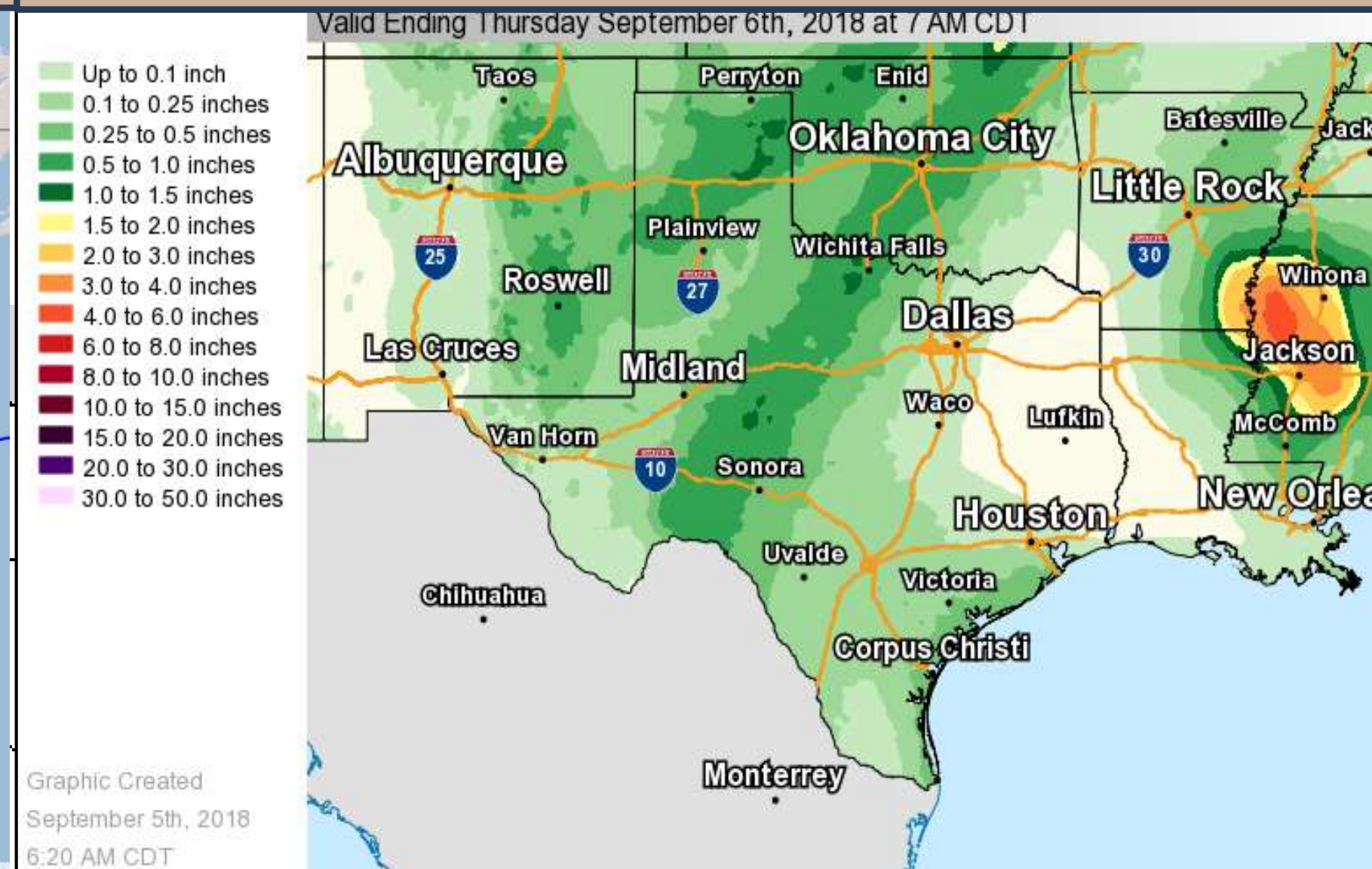


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Forecast Chart



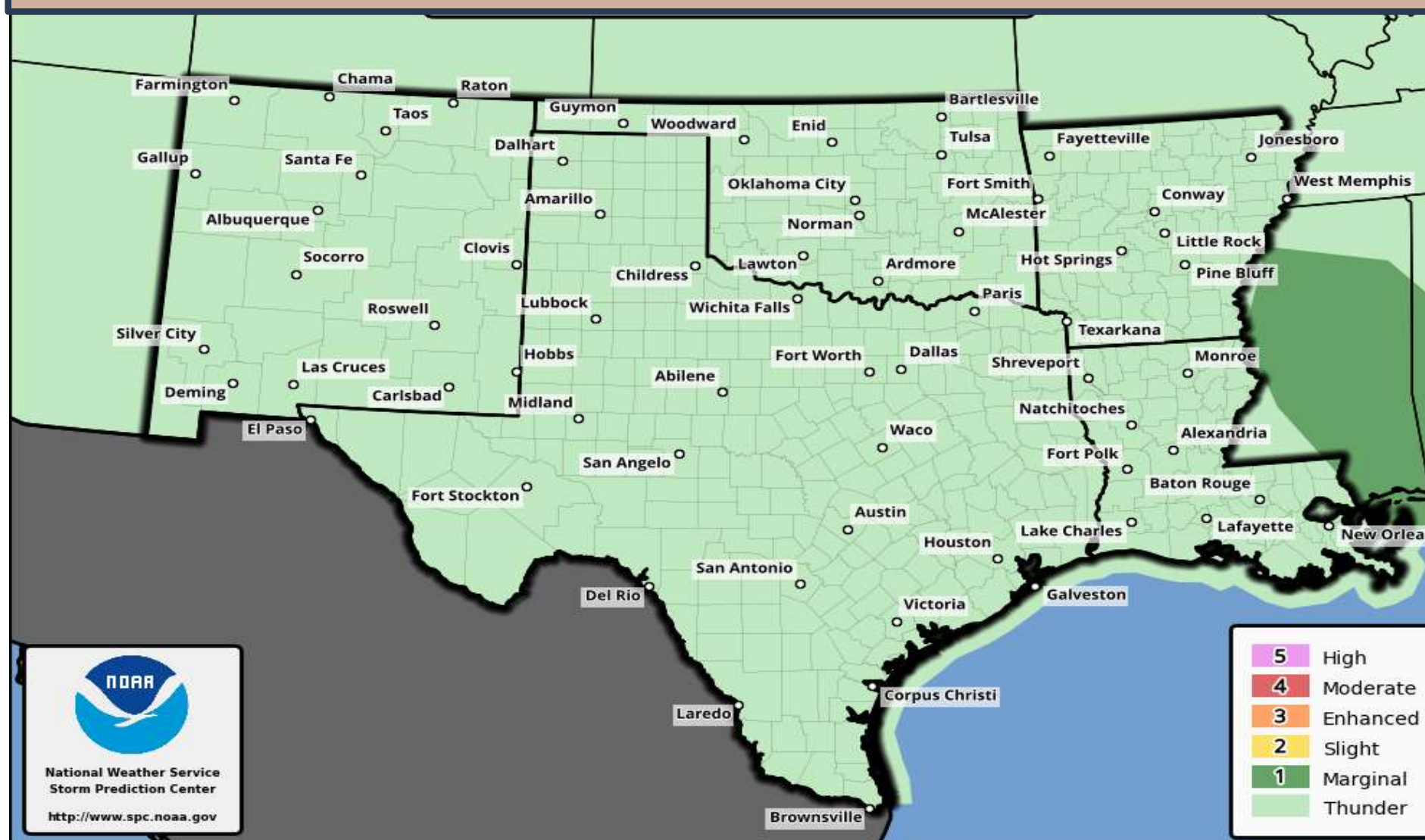
Forecast Rainfall



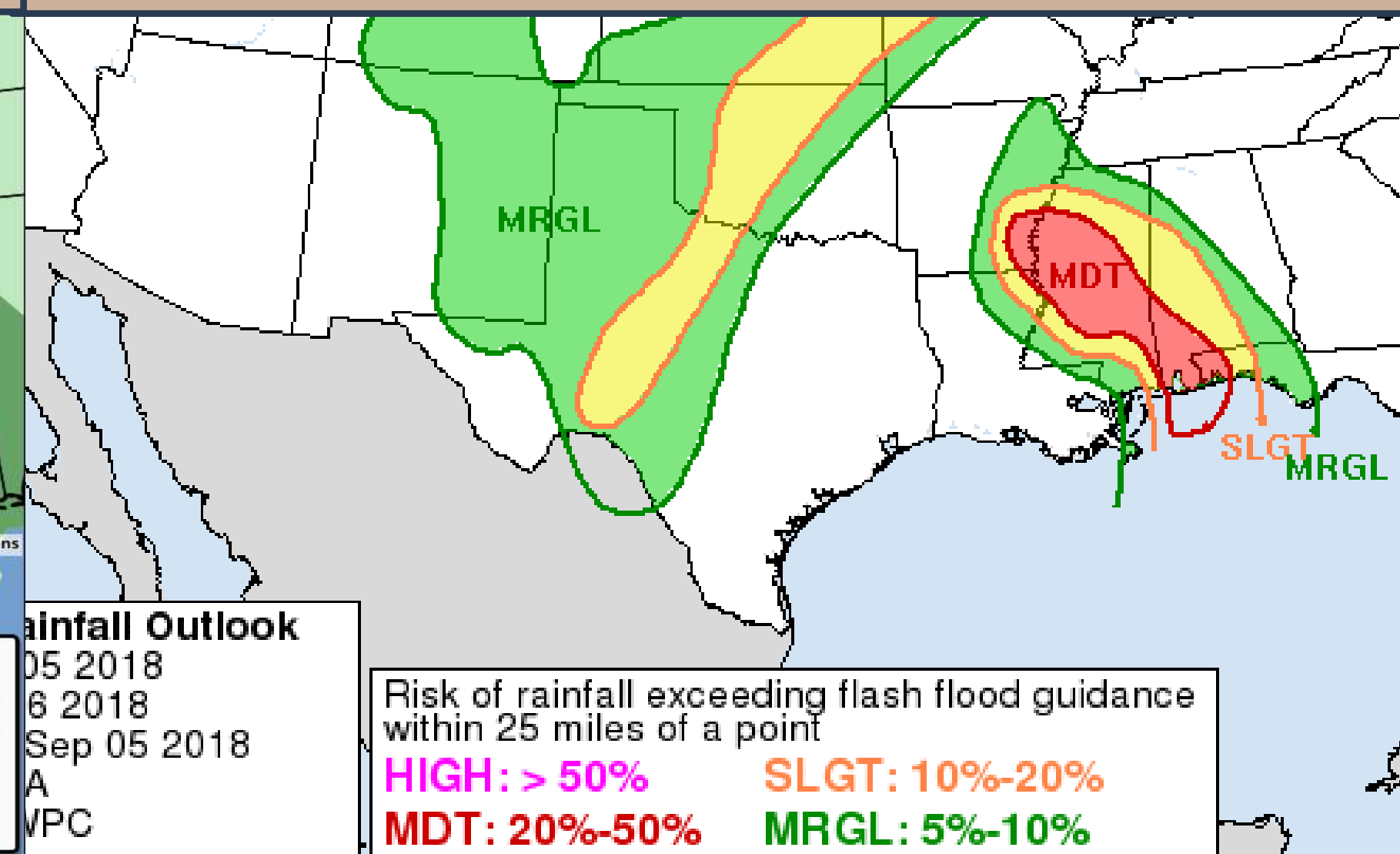
Tropical Storm Gordon will be moving through MS and into NE LA/SE AR late tonight. Gusty winds are possible in/around the diminishing storm.

Heavy rain/flash flooding is likely over NE LA and SE AR late in the day.

Severe Weather Outlook



Excessive Rainfall Outlook



Some heavy rain/isolated flooding will be possible from Central OK through W-Central TX.

Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

Flash flood watches are in effect for NE LA through this evening and SE AR through Thursday evening.

Strong & Gusty Winds



Graphic Created

Winter Weather



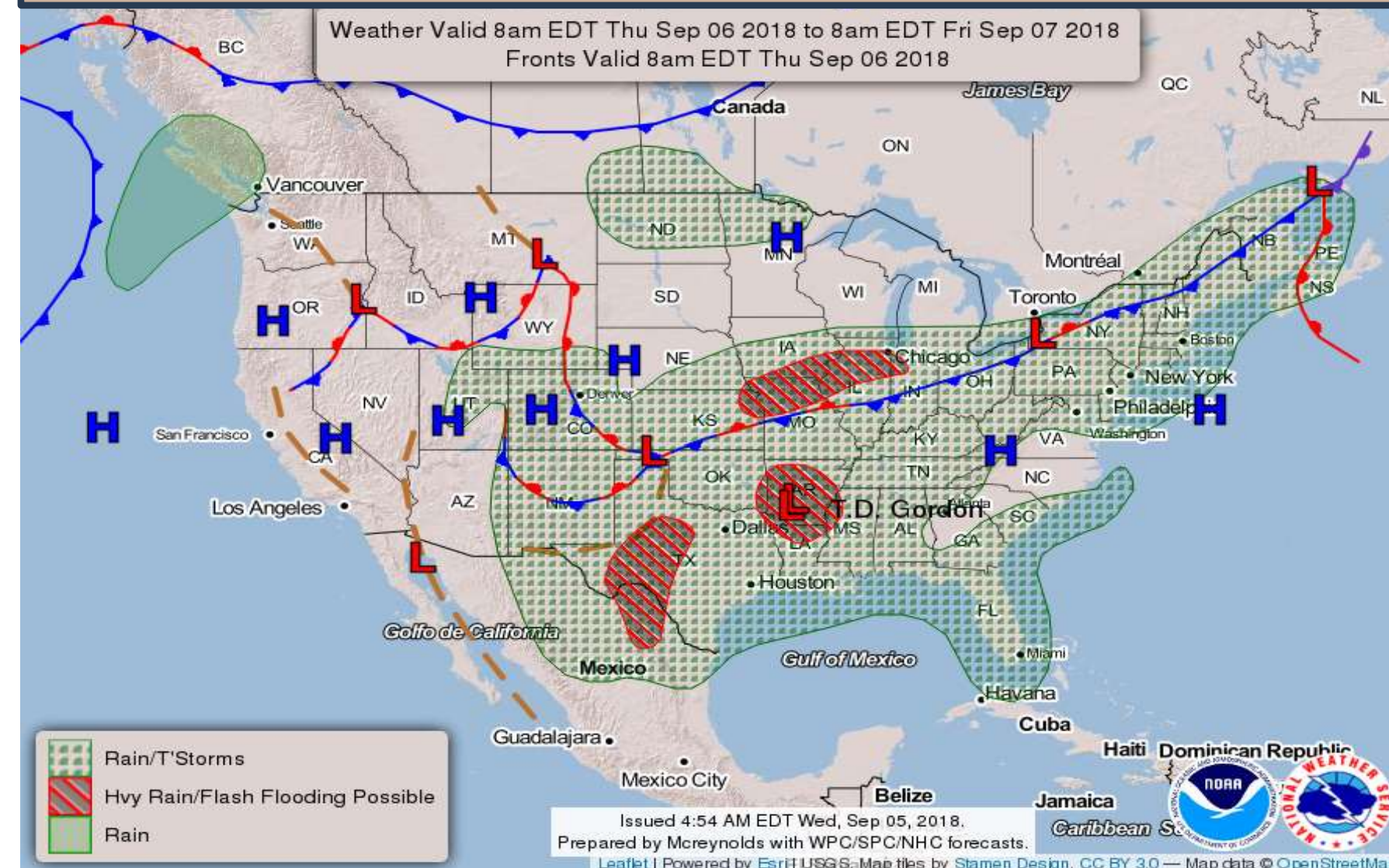
Graphic Created

Tomorrow's Weather



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Forecast Chart



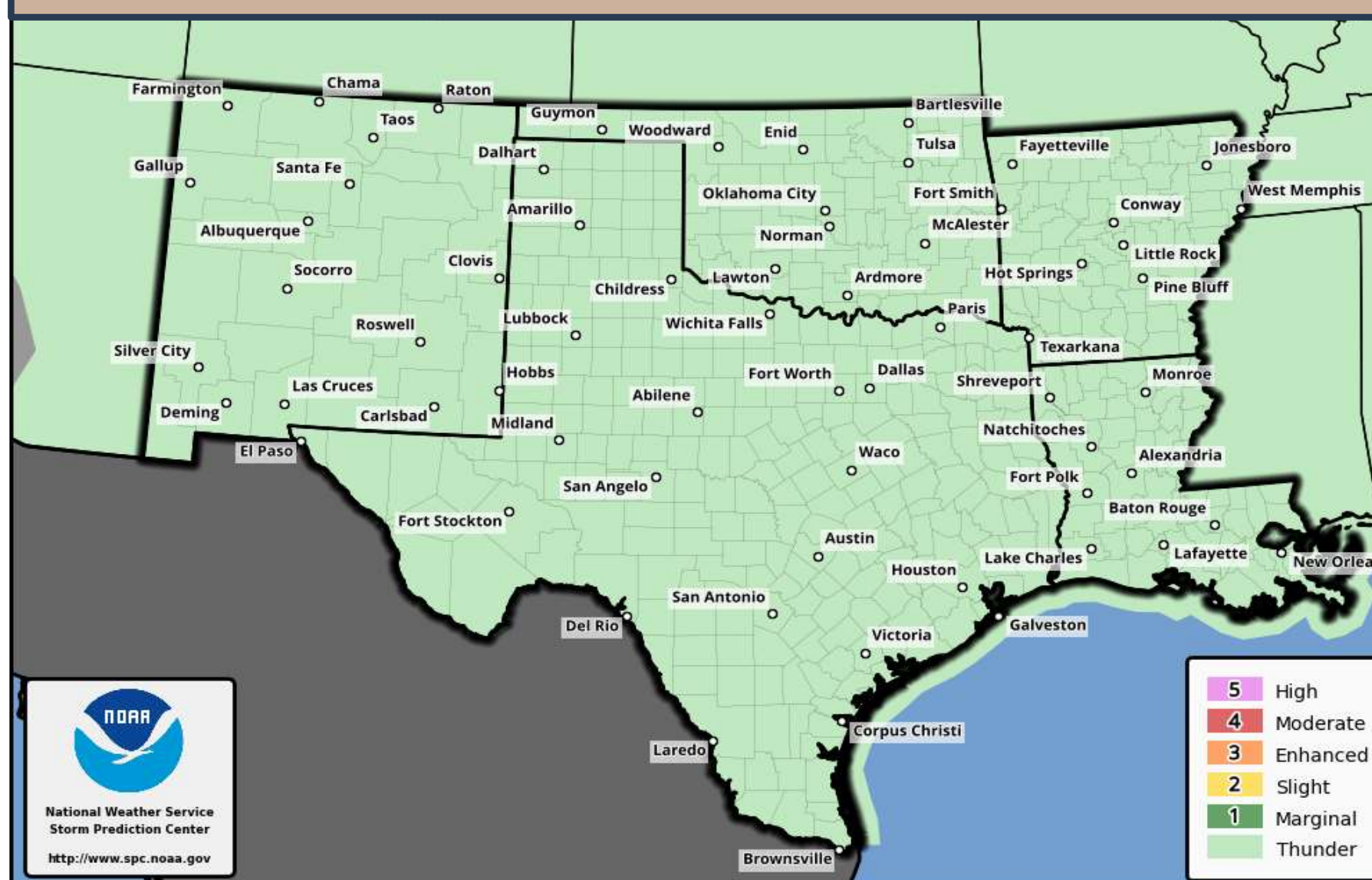
Forecast Rainfall



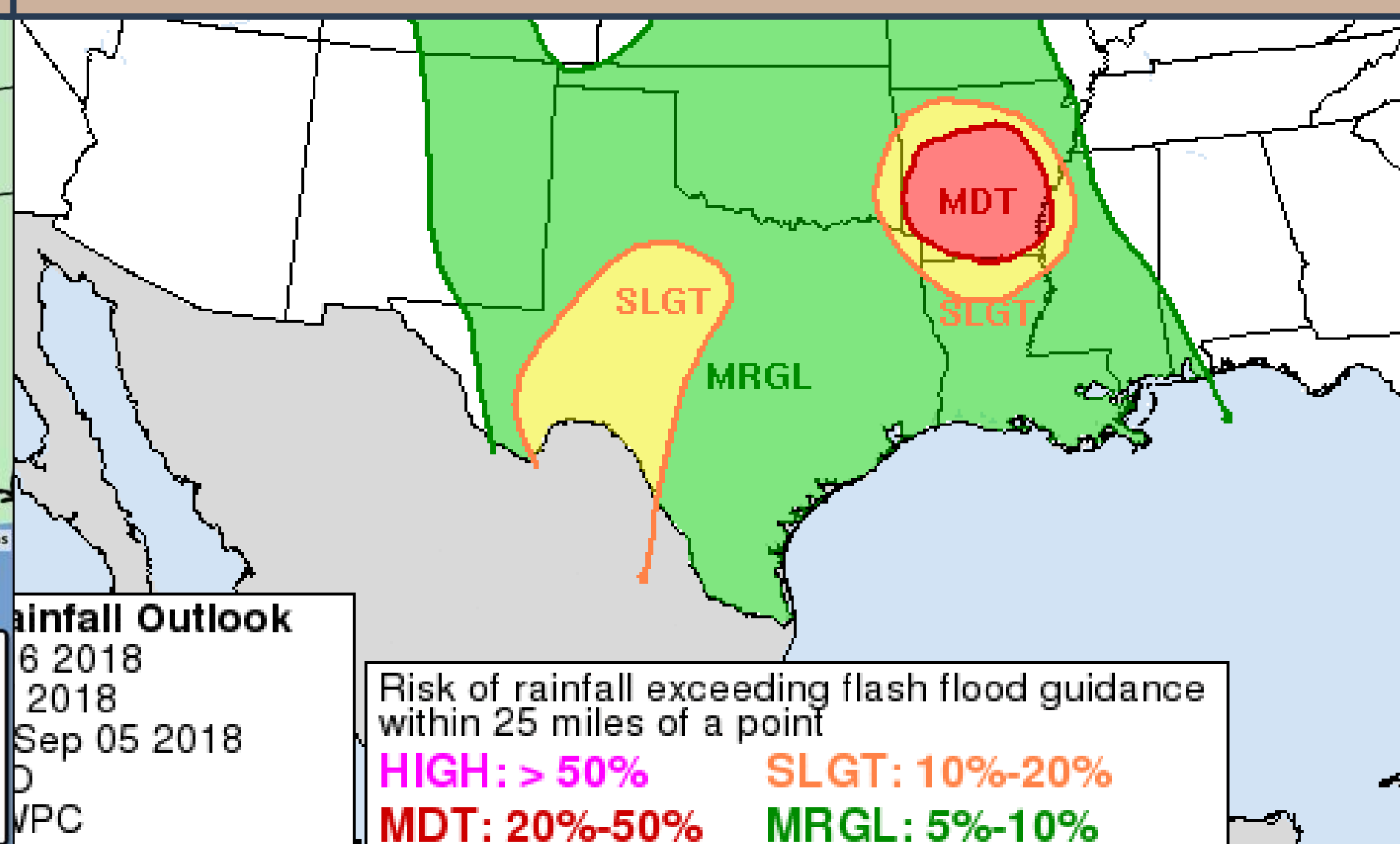
Heavy rain/flash flooding possible in AR, N LA and the ArkLaTex Region as the remnants of Gordon remain over the area.

Some isolated heavy rain/flooding is possible over SW and W-Central TX.

Severe Weather Outlook



Excessive Rainfall Outlook



Friday's Weather



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Forecast Chart

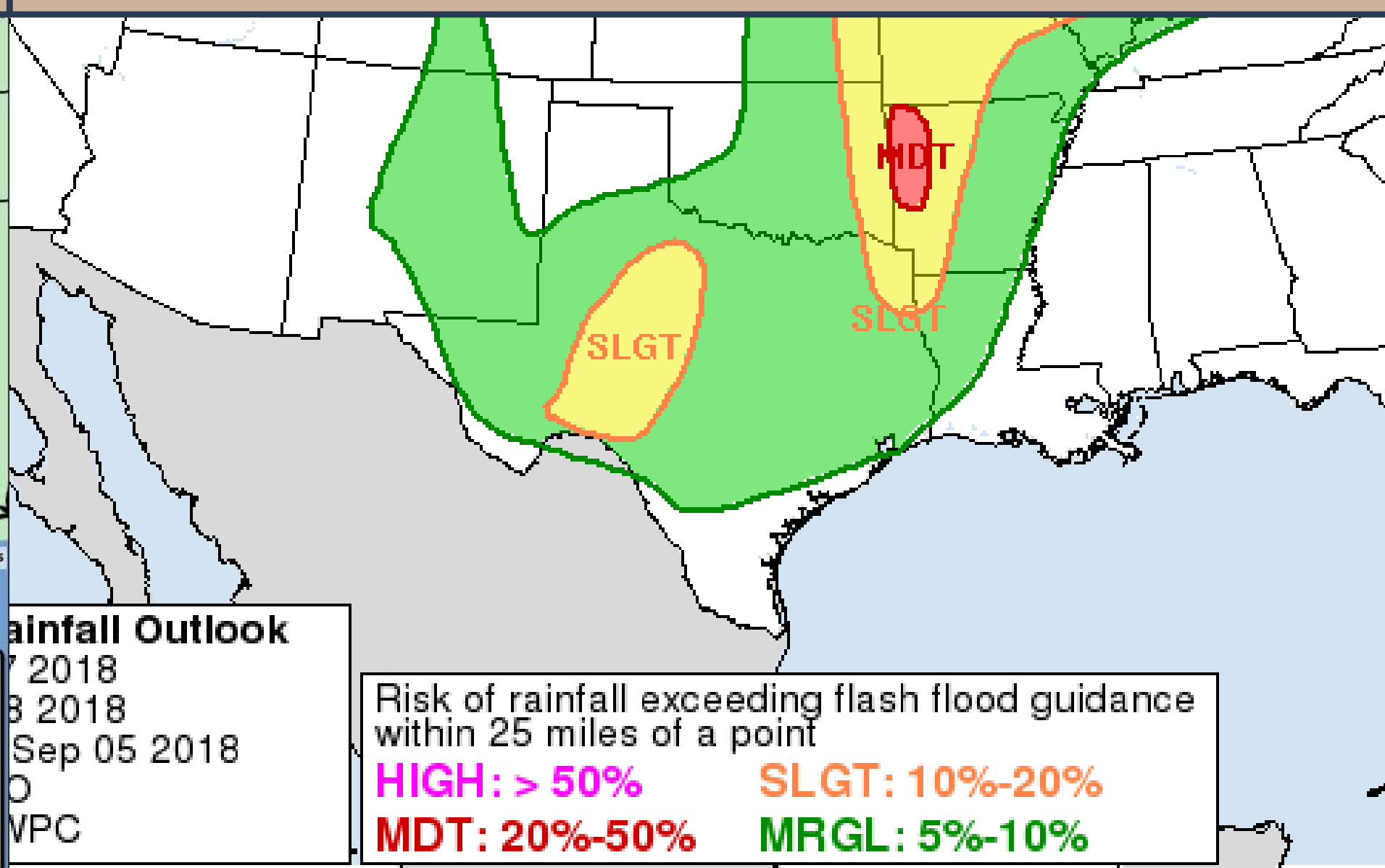
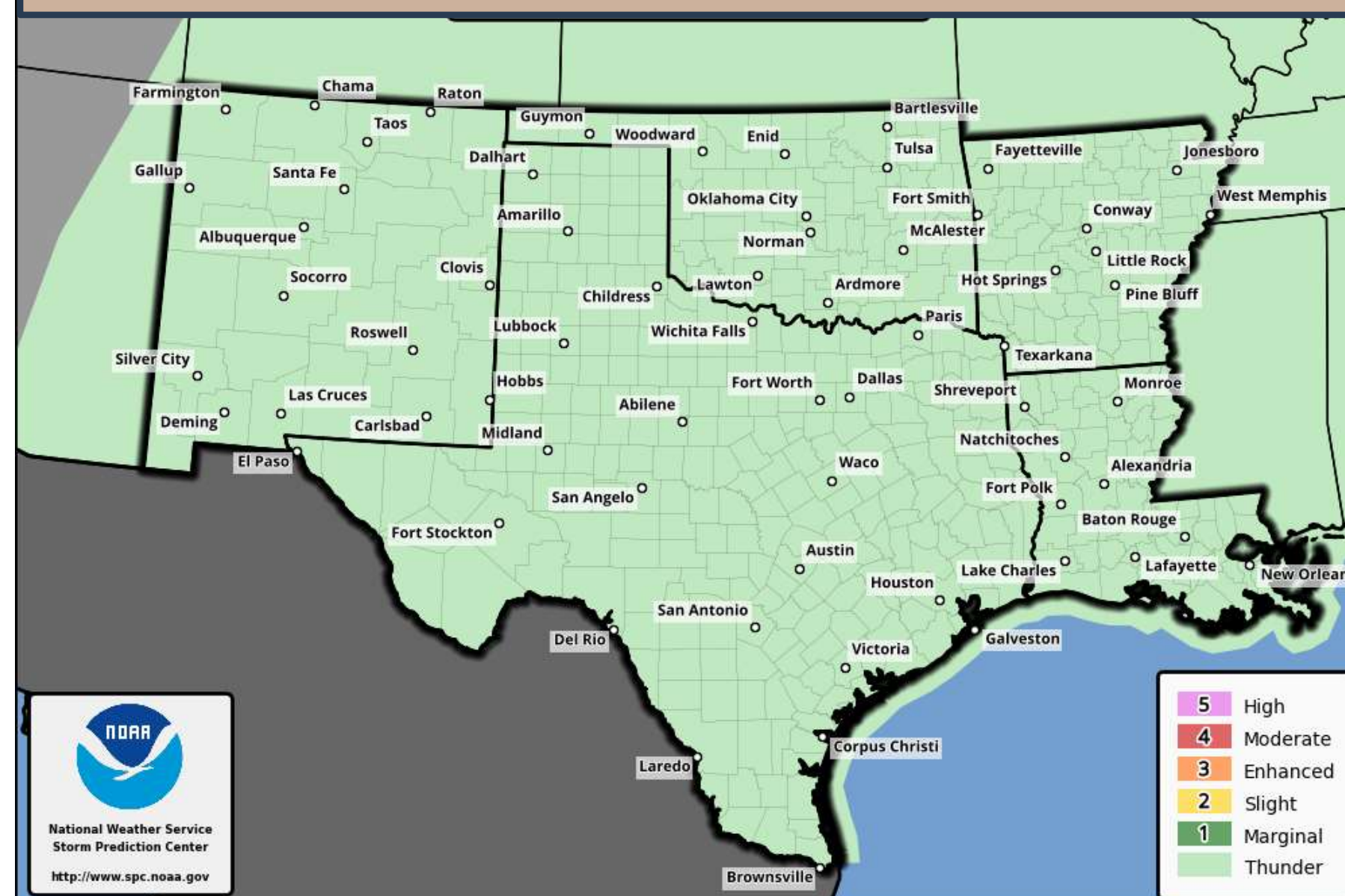
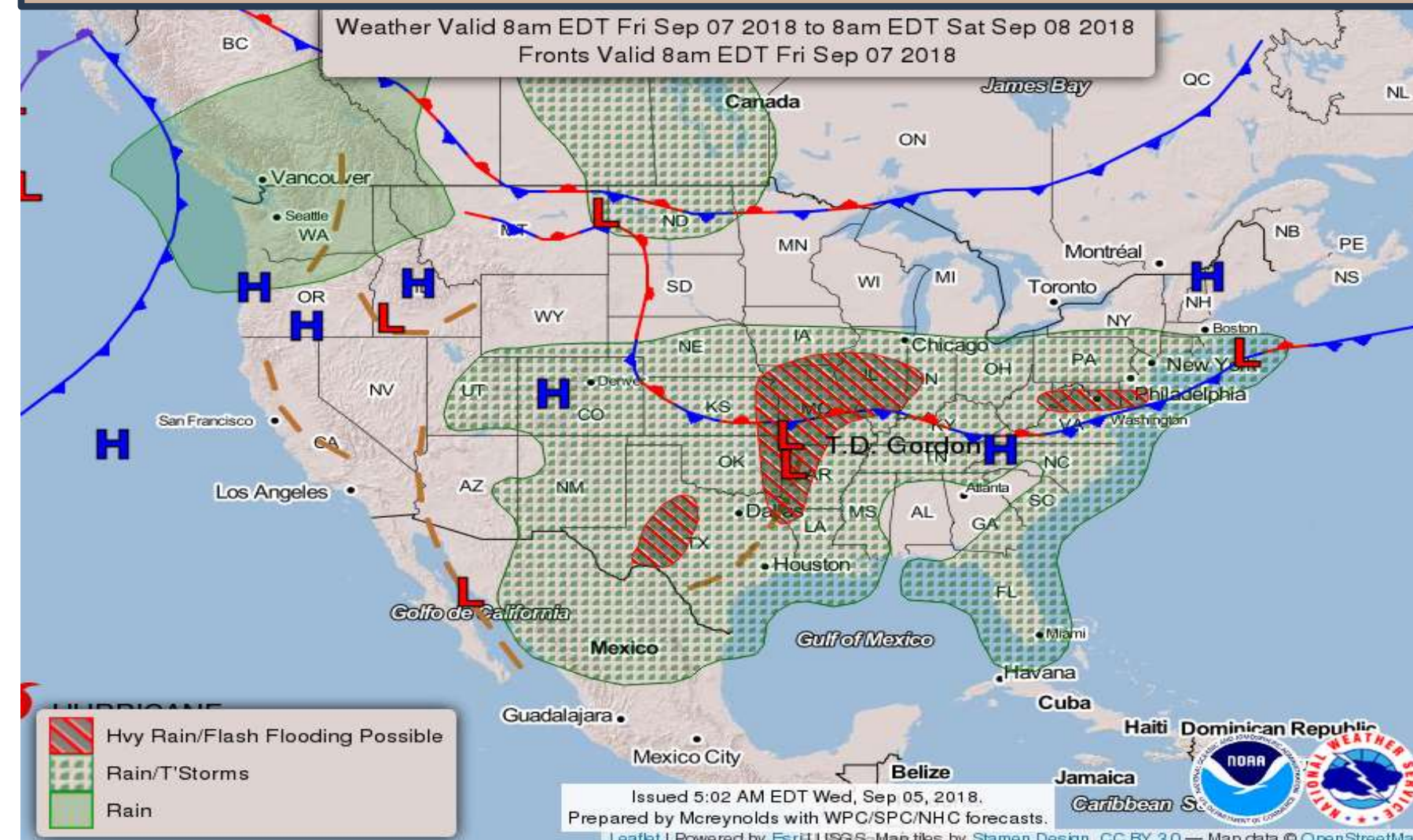
Forecast Rainfall

Heavy rain/flash flooding remains possible over W AR, E OK and the ArkLaTex Region as the remnants of Gordon remain over the area.

Some isolated heavy rain and flash flooding will be possible in SW and W-Central TX.

Severe Weather Outlook

Excessive Rainfall Outlook

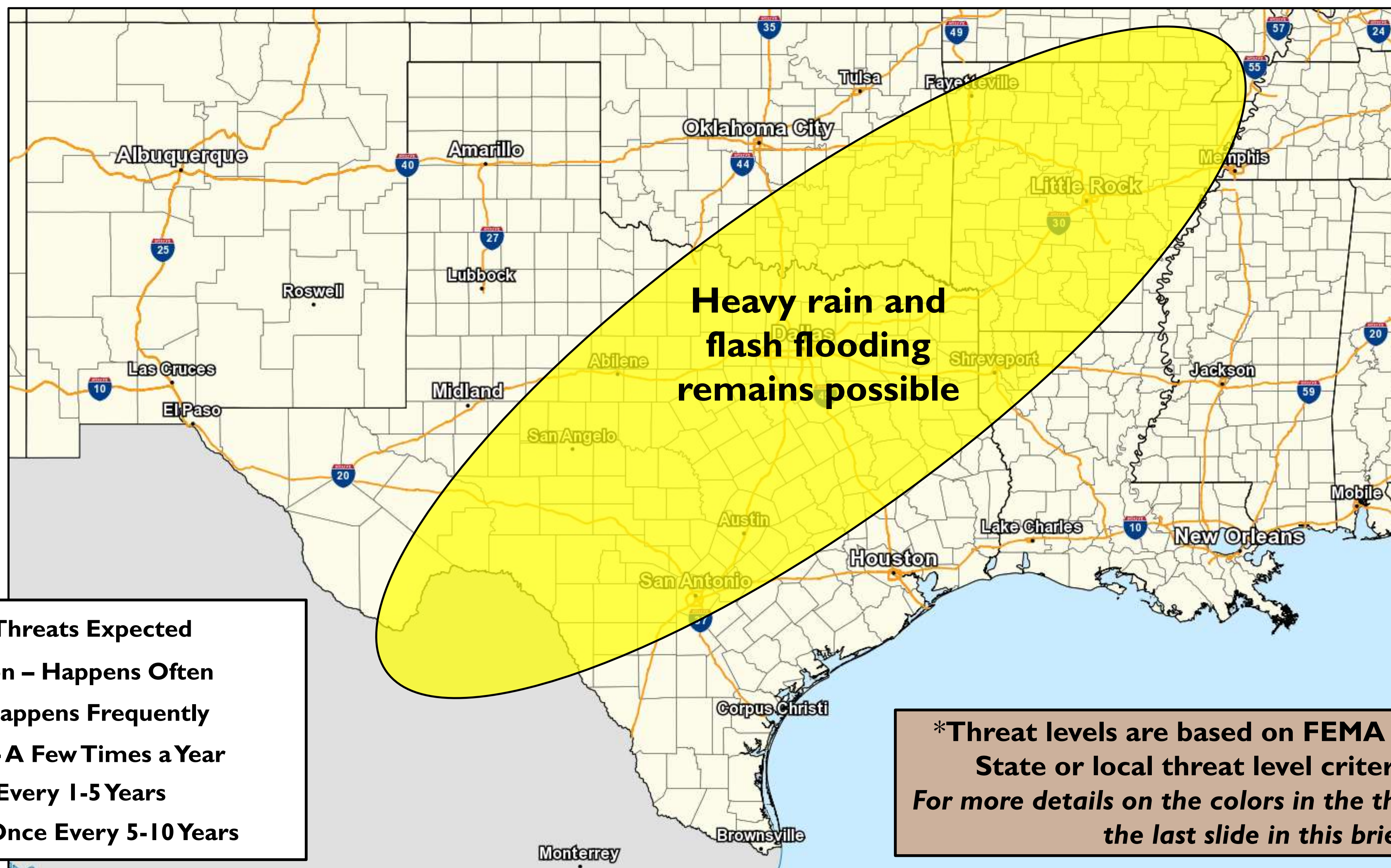


Days 4-5 Weather Hazards

Saturday - Sunday



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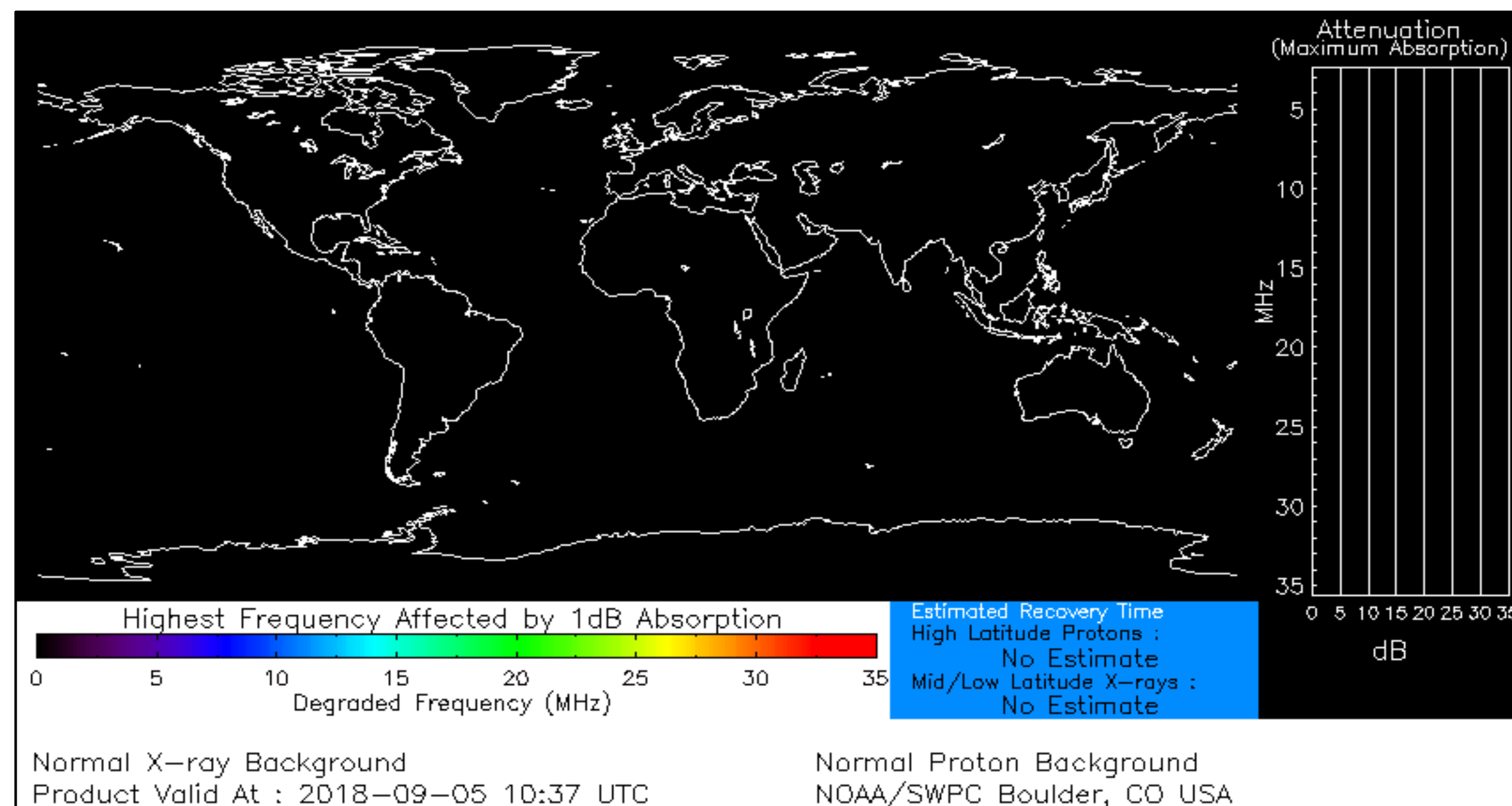


Space Weather 3-Day Forecast



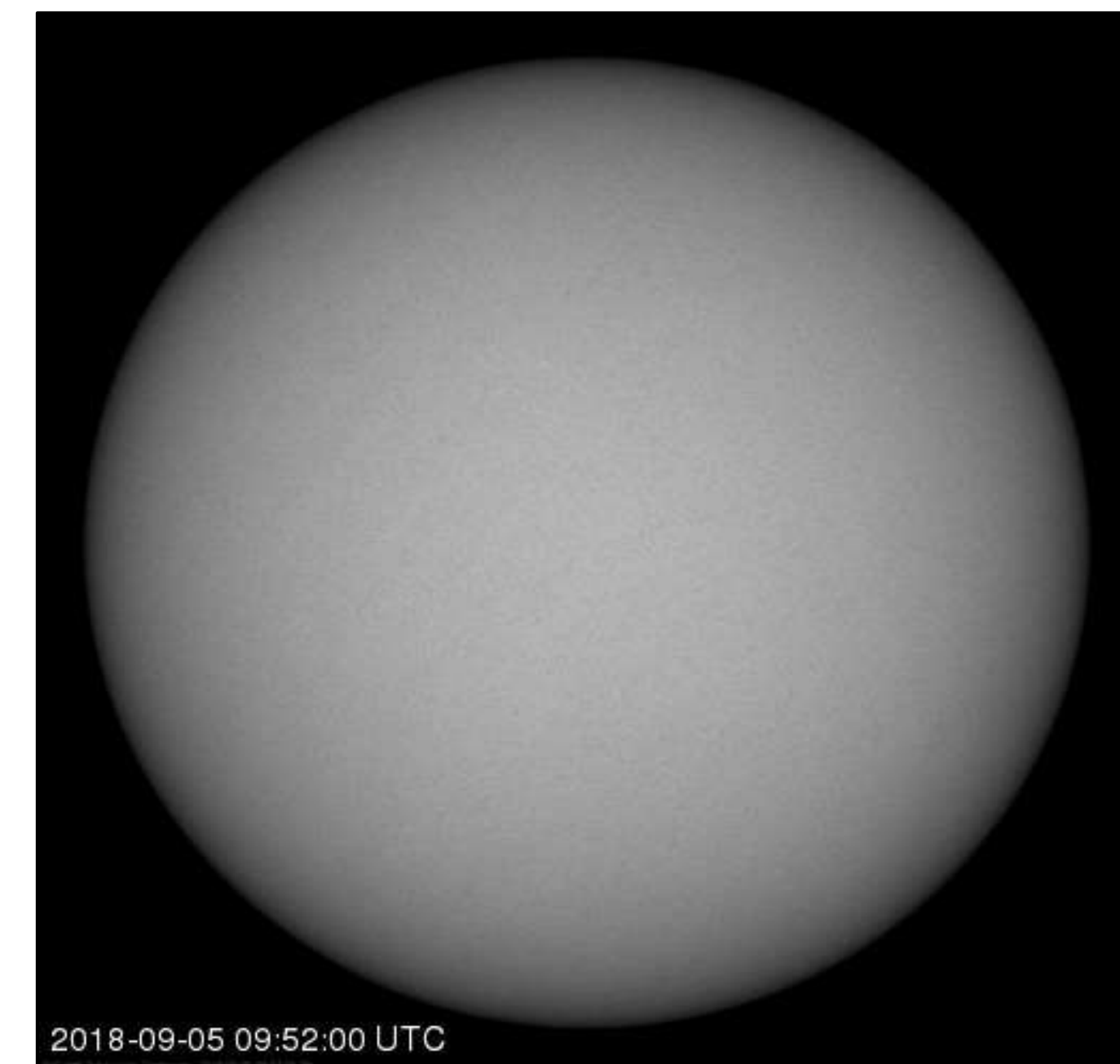
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov